

JUL 02 2007



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DATE: *July 2, 2007*

FILE NUMBER: 17344/131002 (CDT 1828)

TO: USPTO  
Commissioner for Patents

FAX NUMBER: 571-273-8300

FROM: Jeffrey S. Bergman/ATG/rcb

PAGES INCLUDING COVER: 5

RE: Revocation and Substitution of Power of Attorney  
Patent Application/Serial No. 10/828,823

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☐ URGENT    ☐ FOR REVIEW    ☐ PLEASE COMMENT    ☐ PLEASE REPLY    ☐ PLEASE RECYCLE

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NOTES/COMMENTS:

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Name of Applicant: CATALYTIC DISTILLATION TECHNOLOGIES  
Address of Applicant: 10100 Bay Area Boulevard  
Pasadena, Texas 77507

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**REVOCATION AND SUBSTITUTION  
OF POWER OF ATTORNEY UNDER 37 C.F.R. §1.36**

Dear Sir:

Pursuant to 37 C.F.R. §1.36, CATALYTIC DISTILLATION TECHNOLOGIES, the applicant of the patent applications listed on the attached APPENDIX A, revokes all previous powers of attorney in the patent applications listed on the attached APPENDIX A, hereby appoints the following attorneys and/or agents assigned to the Customer Number listed below to prosecute the patent applications listed on the attached APPENDIX A, and to transact all business in the U.S. Patent and Trademark Office connected therewith:

**Customer Number 70312**

Please direct all correspondence and telephone calls concerning the patent applications listed on the attached APPENDIX A to the address associated with Customer Number 70312.

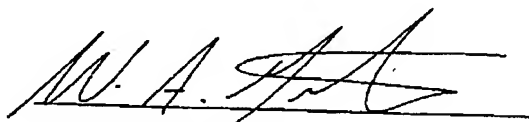
Further, please change the attorney/docket number corresponding to the patent applications listed in APPENDIX A from the attorney/docket number on file to that indicated on APPENDIX A.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified applicant.

- 1 -

The undersigned hereby declares that all statements made herein of the undersigned's own knowledge are true, that all statements made on information and belief are believed to be true, and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the patent applications listed on the attached APPENDIX A or any patents issuing thereon.

Signature:



Dated:

8 May 2007

Name:

Willibrord A. Groten

Title:

Managing Director  
Catalytic Distillation Technologies

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**APPENDIX A**

1. **Patent Application/Serial No.:** 10/793,028  
**Title:** PARAFFIN ALKYLATION  
**Filed:** 03/04/2004  
**Assignee:** Catalytic Distillation Technologies  
**Reel/Frame No.:** 013199/0646  
**Reference No:** 17344/118002 (CDT 1769 Div)
2. **Patent Application/Serial No.:** 09/965,758  
**Title:** PROCESS FOR THE DESULFURIZATION OF FCC NAPHTHA  
**Filed:** 09/28/2001  
**Assignee:** Catalytic Distillation Technologies  
**Reel/Frame No.:** 012214/0910  
**Reference No:** 17344/099001 (CDT 1673)
3. **Patent Application/Serial No.:** 10/828,823  
**Title:** NI CATALYST PROCESS FOR MAKING CATAYLSTS AND SELECTIVE HYDROGENATION PROCESS  
**Filed:** 04/21/2004  
**Assignee:** Catalytic Distillation Technologies  
**Reel/Frame No.:** 015256/0494  
**Reference No:** 17344/131002 (CDT 1828)

**APPENDIX A (cont'd)**

4. **Patent Application/Serial No.:** 08/621,221  
**Title:** METHOD FOR THE PREPARATION OF  
DIALKYL ETHERS  
**Filed:** 03/25/1996  
**Assignee:** Catalytic Distillation Technologies  
**Reel/Frame No.:** 7928/0863  
**Reference No:** 17344/231001 (CDT 1438)
5. **Patent Application/Serial No.:** 09/953,801  
**Title:** PROCESS FOR THE DESULFURIZATION  
OF A LIGHT FCC NAPHTHA  
**Filed:** 09/17/2001  
**Assignee:** Catalytic Distillation Technologies  
**Reel/Frame No.:** 012174/0312  
**Reference No:** 17344/119001 (CDT 1772)

242936\_1 (Group 36)